Everglades®

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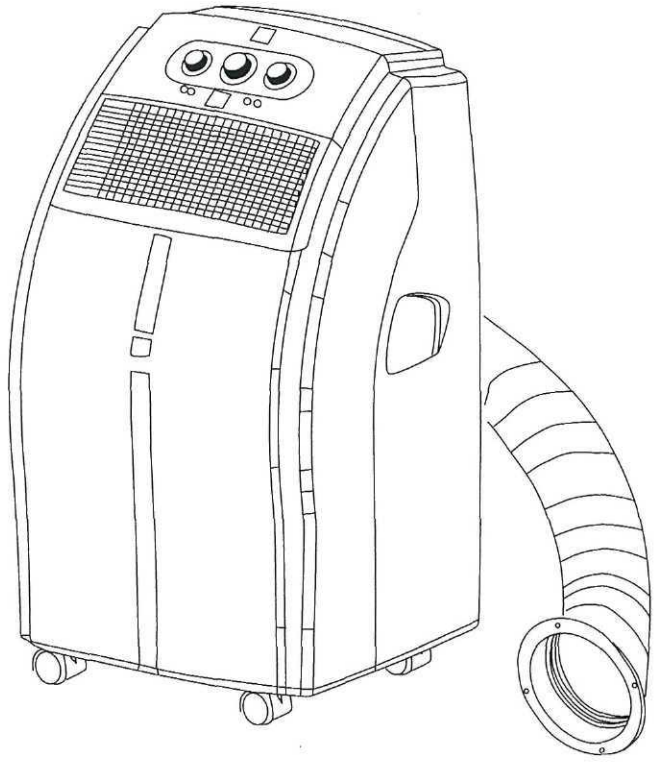
PORTABLE AIR CONDITIONER

Instruction Manual



Everglades	**EV9037**
Everglades	**EV9038**
Everglades	**EV9039**

☆ **Read and retain these instructions for future reference**

SPECIFICATION

Model no.	EV9037	EV9038 EV9039
Cooling capacity	9000 BTU/hr 2268 Kcal/hr 2637 watts	12000 BTU/hr 3024 Kcal/hr 3529 watts
Heating capacity	10000 BTU/hr 2520 Kcal/hr 2930 watts not applicable	12500 BTU/hr 3150 Kcal/hr 3676 watts not applicable
Power/Ampere consumption for cooling*	830W/ 3.9A	850W/ 4.2A
Power/Ampere consumption for heating*	910W/ 4.25A not applicable	960W/ 4.5A not applicable
Air volume (max. speed)	470m^3/h	520m^3/h
Humidity removal capacity	26.4L/day	31.2L/day
Maximum room size	70m^3	85m^3
Power supply	230V/50Hz/1phase	
Compressor	Rotary	
Refrigerant	R-22 or R-407C (Please refer to the rating label.)	
Refrigerant load*	470 g	480 g
Fan speed	2	
Timer	mechanical switch 1 ~ 8 hours electronic switch 1~ 12 hours	
Thermostat	18 ~ 32°C	
Net Weight	29 kgs	31 kgs
Dimension	420 x 400 x 750 mm (WxDxH)	

REMARK:

1. Heating capacity is only for the model with heating function, i.e. model no. (not applicable)
2. The data marked with '*' may vary for technical reasons: for greater precision, please refer to the rating label placed at the back of the unit.
3. Measuring condition for above is: Cooling - RT27 °C , RH60%
   Heating - RT20 °C , RH60%
   *RT means room temperature, RH means room humidity.

BEFORE USE

GENERAL SAFETY

- Only use in the upright position on a flat level surface and at least 50cm from any objects (fig 1 & 4).
- Do not place objects on the unit or restrict air inlet / outlet (fig. 2).
- Closely supervise any children and pets when unit is in use.

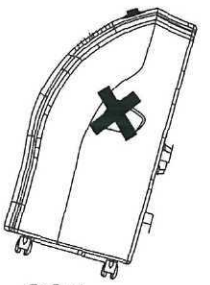


FIG.1

ELECTRICAL SAFETY

- For indoor use only.
- Switch off and unplug when not in use.
- Do not use in humid or wet environments (fig 3)
- Do not pull the unit along by the cord.
- If the supply cord is damaged, it must be replaced by an electrician or similarly qualified person, to avoid hazard.

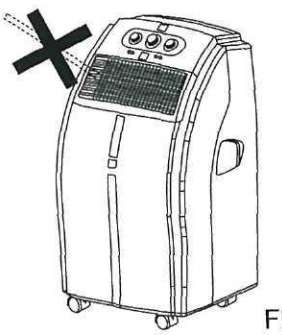


FIG.2

FIG.3

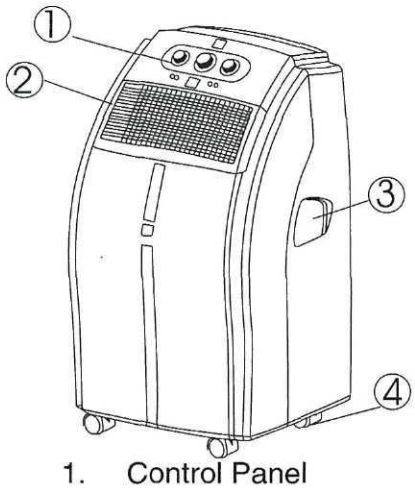
FOR MAXIMUM EFFICENCY

- Do not exceed the recommended room
- Close doors and windows
- Keep curtains of blinds closed during the sunniest part of the day
- Keep filters clean
- Once room has reached the desired conditions, reduce temperature and ventilation settings

FIG.4

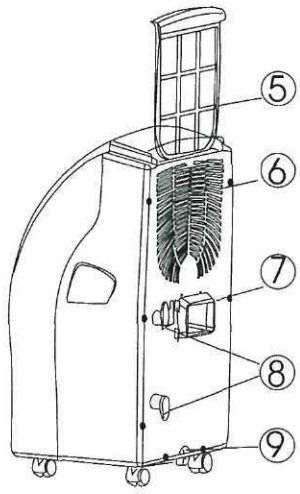
PARTS

Front



1. Control Panel
2. Air outlet
3. Carrying handle
4. Caster

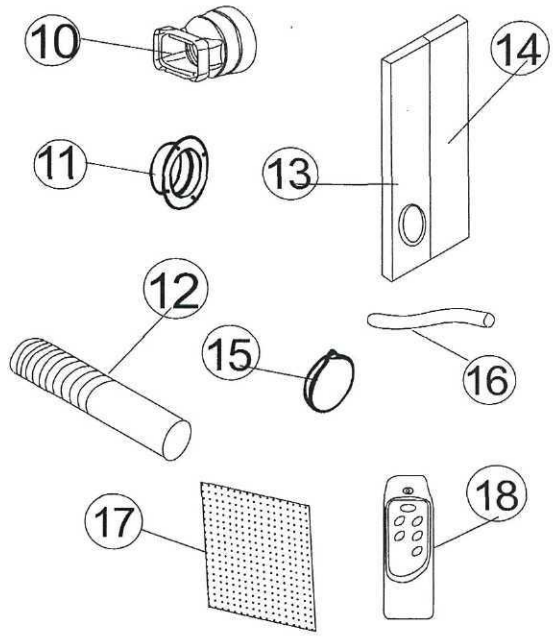
Back



5. Air filter
6. Air inlet
7. Exhaust air outlet
8. Cord storage
9. Water stopper / drainage point

Accessories

10. Inward adaptor - for insertion over hose and into back of the air conditioner.
11. Outward adaptor - for insertion over hose and into foam strip (or into hole in the wall/window).
12. Exhaust hose
13. Foam strip - for filling the open window space and with hole for connection to exhaust hose.
14. Foam strip - for filling the open window space
15. Round cap for filling the hole in wall/window.
16. Drain tube for continuous drainage
17. Active carbon filter
18. Remote control (for electronic type only)



INSTALLATION

Installation of the exhaust pipe

The unit is a portable air conditioner that may be moved from room to room.

1. Using the foam strips

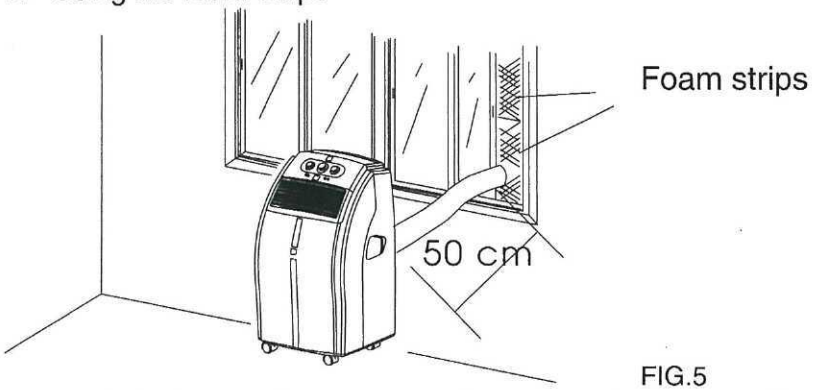


FIG.5

- Offer foam strips to the window gap and cut to size if necessary.
- Feed exhaust hose through the foam strip and insert strip into window gaps as shown and slide window across so that foam is held securely. This technique may also be used for sash windows. Note: Take care to maintain protection against intruders

2. Using the adaptor

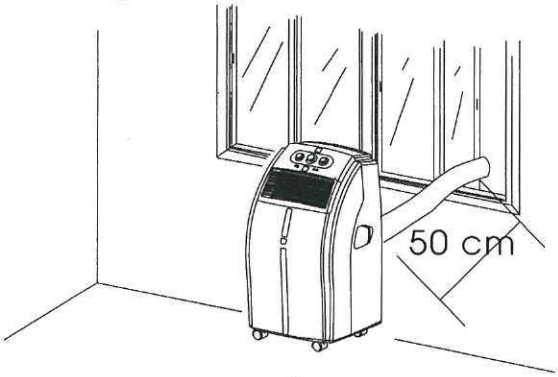


FIG.6

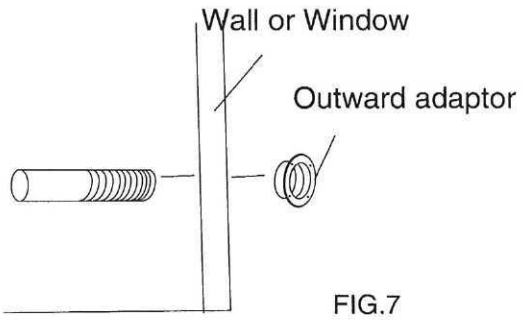


FIG.7

- Cut a 130mm diameter hole in the wall or window.
- Feed exhaust hose through the window or wall and attach the threaded adaptor from the outside as shown.
- When not in use, plug the hole with the cover provided.

Mounting of the exhaust pipe

- Use only the hose provided and clip exhaust hose and unit adaptor to the back of the air conditioner
- Avoid kinks and bends in the exhaust hose as this will cause expelled moist air to build up causing the unit to overheat and shut down. Fig 8 & 9 show correct position
- The hose may be extended from 300mm to 1500mm but for maximum efficiency use the shortest length possible.

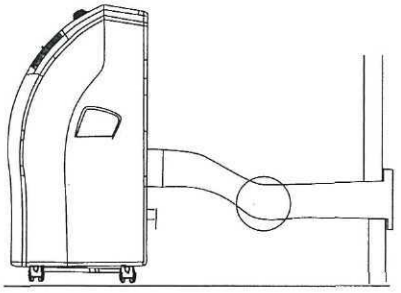


FIG.8

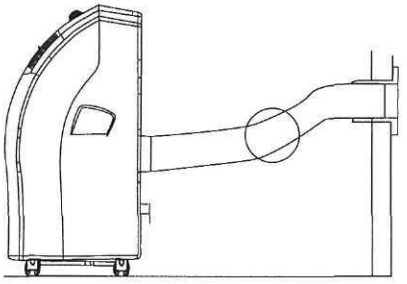


FIG.9

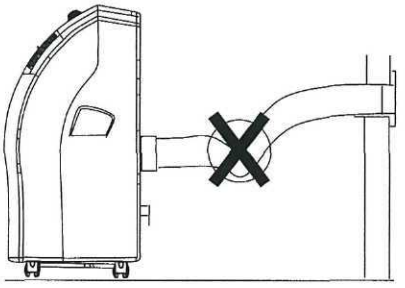


FIG.10

WARNING!

The length of the exhaust pipe is specially designed according to the specification of this product. Do not replace or prolong it with your own private hose as this could cause the unit to mal-function.

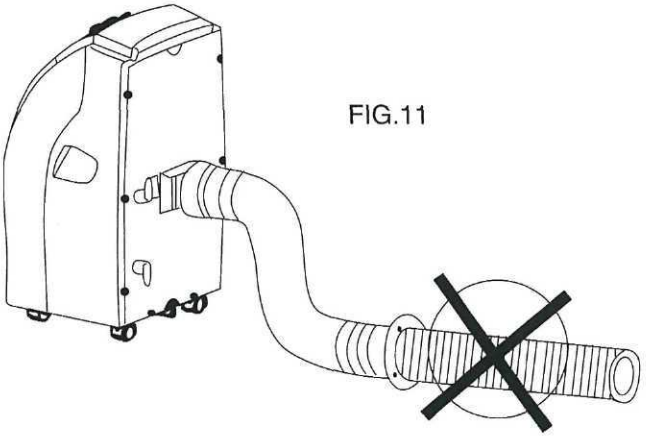
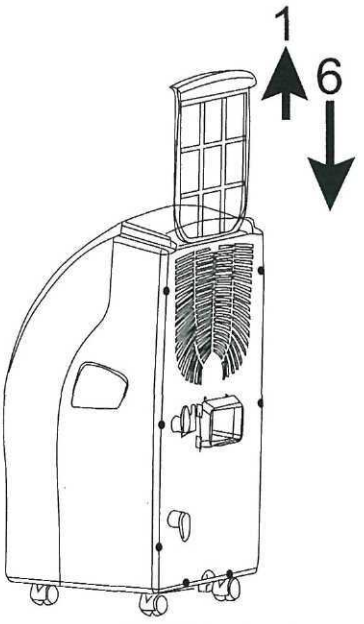
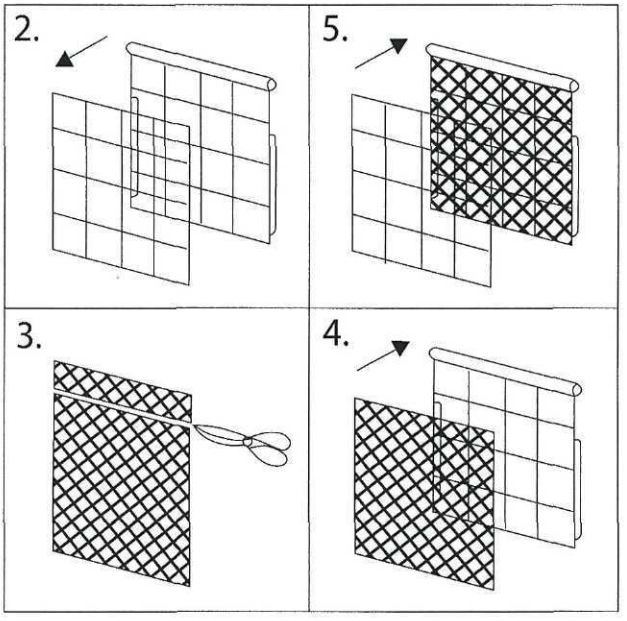


FIG.11

Installation of the carbon filter

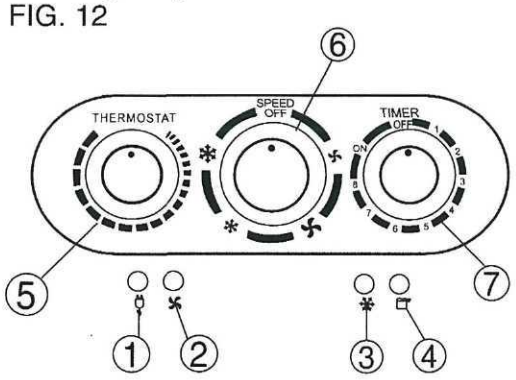
1. Remove the filter frame from the unit.
2. Separate the filter fixer from the filter frame.
3. Remove the active carbon filter from its plastic bag.
4. Insert the active carbon filter into the filter frame.
5. Fix the filter by reassembling the fixer onto the filter frame.
6. Re-fit the filter frame inside the unit.





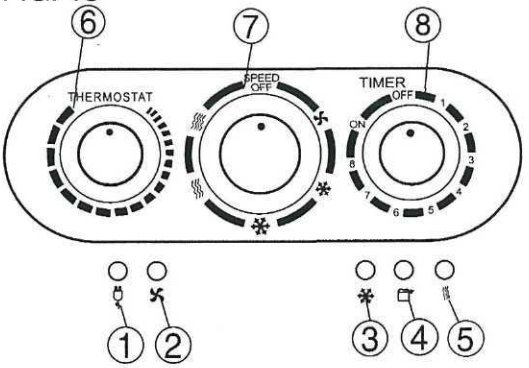
OPERATION for mechanical type

Cooling only model
FIG. 12



1. Power indicator
2. Fan operating indicator
3. Cooling operating indicator
4. 'Full water' indicator
5. Thermostat
6. Speed switch with options for - LOW FAN, HIGH FAN, LOW COOL, HIGH COOL
7. Timer (1-8 hours) as well as ON/OFF switch

Cooling & heating model
FIG. 13



1. Power indicator
2. Fan operating indicator
3. Cooling operating indicator
4. 'Full water' indicator
5. Heating operating indicator
6. Thermostat
7. Speed switch with options for - FAN, LOW COOL, HIGH COOL, LOW HEAT, HIGH HEAT.
8. Timer (1-8 hours) as well as ON/OFF switch

Turning ON/OFF

Set TIMER to ON for continuous operation (the unit will operate as long as it is not turned off).

Power indicator comes on.

To turn off the unit, turn the TIMER to OFF position.

Setting function / ventilation speed

Cooling only models
(EV9037,EV9038)
Turn the speed switch to select required setting:
LOW FAN, HIGH FAN, LOW COOL, HIGH COOL

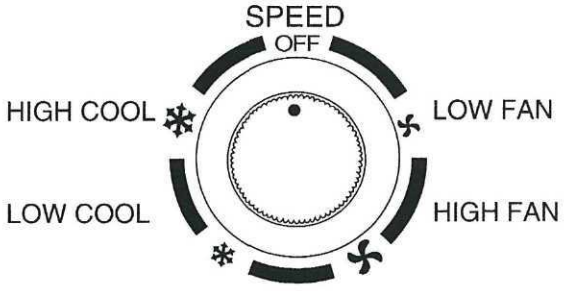


FIG. 14

Cooling & heating models
(not applicable)
Turn the speed switch to select required setting:
FAN, LOW COOL, HIGH COOL,
LOW HEAT, HIGH HEAT

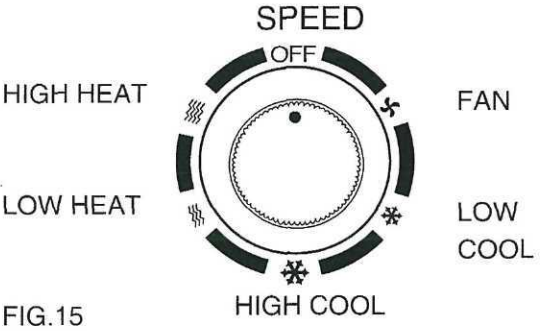


FIG.15

Setting temperature

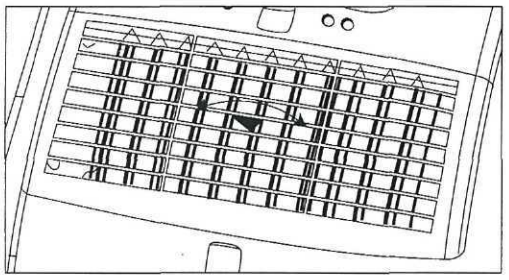
Turn the THERMOSTAT to regulate the temperature you desired. The cooling intensity is increasing clockwise..

Set timer

Set the TIMER to the desired operating time (1 to 8 hours). When the set time has been reached, the machine will shut off automatically.

Regulating air flow direction

FIG. 16



Turn the roller on the air vent in horizontal way to control the air flow direction.

NOTICE !

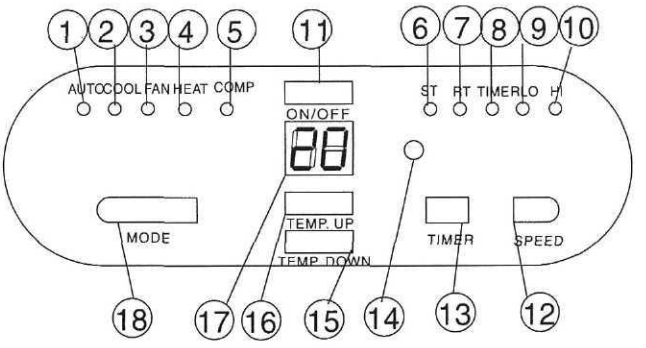
1. To prolong the compressor's life, after switch-off of the unit, please wait for 3 minutes (at least) before re-switch.
2. The cooling system will switch off if the ambient temperature is lower than the set one. The ventilation, however, keeps working on the set level. If the ambient temperature rises above the selected level, the cooling will return to work.
3. On the contrary, the heating will switch off if the ambient temperature is HIGHER than the set one (still, the ventilation keeps working on the set level). As the ambient temperature drops below the selected level, the heating will return to work.
4. This machine is equipped with ANTI-FROST function. While using the heating function during low temperature, sometimes the heating will stop for a while in order to melt the frost. As this occurs, just wait for the heating returns to work.

OPERATION for electronic type

Control panel

1. Automatic mode indicator
2. Cooling mode indicator
3. Fan mode indicator
4. Heating mode indicator (not applicable)
5. Compressor operation indicator
6. 'Set temperature' indicator
7. 'Room temperature' indicator
8. Timer operation indicator
9. Low ventilation indicator
10. High ventilation indicator
11. ON/OFF (power) button
12. Speed (ventilation)button
13. Timer button
14. Receiver for Remote Control

FIG.17



15. 'Temperature down' button
16. 'Temperature up' button
17. Display window
18. Mode (function) option button

Turning ON/OFF

Press ON/OFF button, the unit will start automatically. If the ambient temperature is
- higher than 23°C, the unit will work in cooling model.
- higher than 20°C but below or equal to 23°C, the unit will work in ventilation model.
- below 20°C, the unit will work in heating function (not applicable.)

Indicators of the functions in progress come on at the same time. *NOTE! The COMPRESSOR indicator will only light up as the compressor is in operation.
The display window shows the ambient room temperature.
To turn the unit off, press ON/OFF button again.

Setting mode/function

Press MODE button to select required working mode: automatic, cooling, fan or heating, (Heating ,not applicable)
The indicator of your selected mode comes on.

Setting temperature

Press 'Temperature up' or 'Temperature down' button to regulate the temperature you desired.
The display window will show the temperature you set as you press 'Temperature up' or 'Temperature down' button. Otherwise, it will always show the ambient temperature.
The pre-setting temperature of this machine is: 24°C for cooling, 20°C for heating.

Setting ventilation speed

1. Press SPEED button to choose the ventilation speed you need, high or low. The indicator of high or low ventilation will light on at the same time.
2. If the unit is in AUTO mode, it will choose the ventilation speed automatically according to the ambient temperature (the related indicators will light on), at this time, the speed switch is invalid.

Setting timer

1. Press TIMER button to set the operating hours you desired (1 to 12 hours, the timer indicator will light on). When the set time has been reached, the machine will turn off automatically. The display window will show the hour(s) you set as you press TIMER button. If the timer button is not pressed, the unit will work continuously.
2. By pressing the timer but without turning on the other functions, you can PRE-SET the time for the machine to work. For example, if you press the timer to '2', the unit will work automatically after 2 hours.

All the above functions can also be performed with the supplied remote control.

This remote control requires 2 pcs AAA batteries to operate

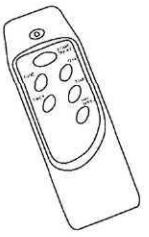
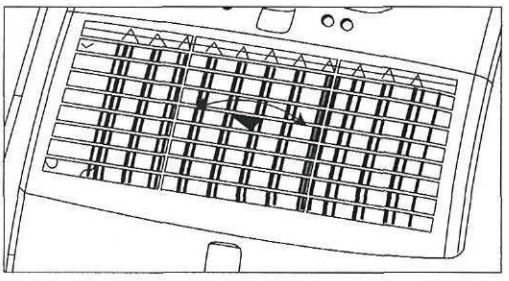


FIG. 18

Regulating air flow direction



Turn the roller on the air vent in horizontal way to control the air flow direction.

FIG.19

NOTICE !

1. To prolong the compressor's life, after switch-off of the unit, please wait for 3 minutes (at least) before re-switch.
2. The cooling system will switch off if the ambient temperature is lower than the set one. The ventilation, however, keeps working on the set level. If the ambient temperature rises above the selected level, the cooling will return to work.
3. On the contrary, the heating will switch off if the ambient temperature is HIGHER than the set one (still, the ventilation keeps working on the set level). As the ambient temperature drops below the selected level, the heating will return to work.
4. This machine is equipped with ANTI-FROST function. While using the heating function during low temperature, sometimes the heating will stop for a while in order to melt the frost. As this occurs, just wait for the heating returns to work.

.DRAINAGE

During the process of cooling, some water will be extracted from the air into the unit. If the reservoir is full:

a. For mechanical type, the compressor will stop, only the fan to circulate the air. The 'FULL WATER' indicator will light now to remind you.

b. For electronic type, both of the compressor and motor will stop. The COMP. indicator will flash to show you.

To make the cooling work again, please empty the water by one of the following ways:

1. Turn off the air conditioner and avoid moving it when full.
2. Position a container (a water tray for example) underneath the drain hole.
3. Remove the drain knob & rubber plug from the drain hole and allow the water to drain out.
4. When the container is almost full, replace the rubber plug in the drain hole and empty the water tray.
5. Repeat until the unit is emptied.
6. Replace the rubber plug and tighten the drain knob firmly.
7. Switch on the unit - the full water or compressor operating indicator should not be flashing.

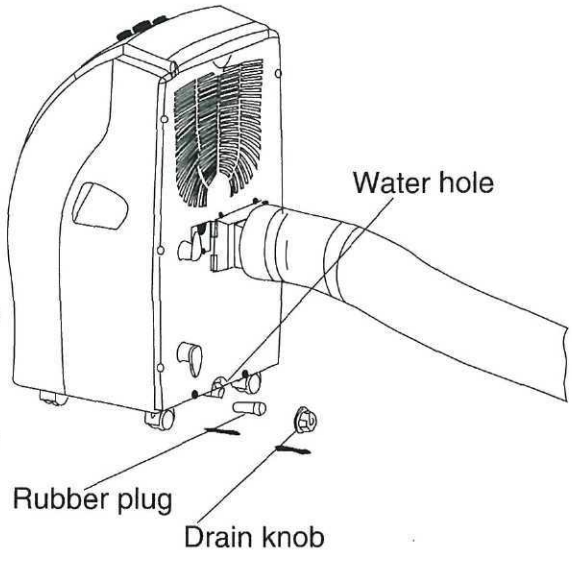


FIG.20

If you wish to operate the unit without the need to empty the water tank, please:

- Remove the drain knob and rubber plug and retain for future use.
- Connect the drain tube supplied to the water outlet as shown and locate the other end into a drain.
- The drain tube may be extended by adding an extension tube and using a suitable connector.

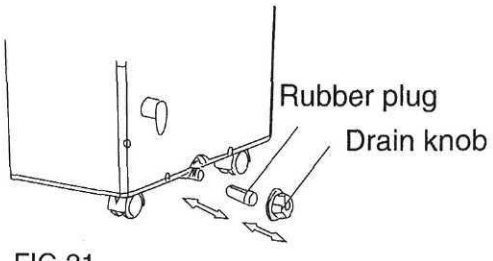


FIG.21

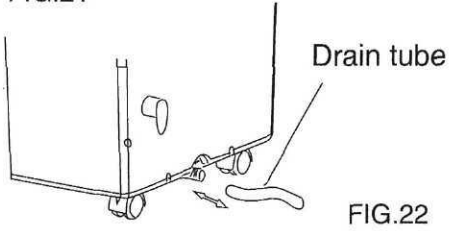


FIG.22

Please note

1. The drain must be at or below the outlet level.
2. Flashing comp / 'full water' indicator will not function in this mode of drainage.
3. If you want to extend the water tube, you can connect it with another tube (OD: 18mm)

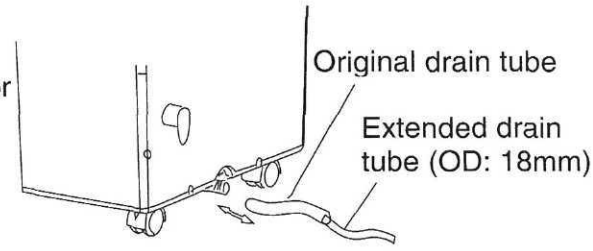


FIG.23

Special caution for heating function !

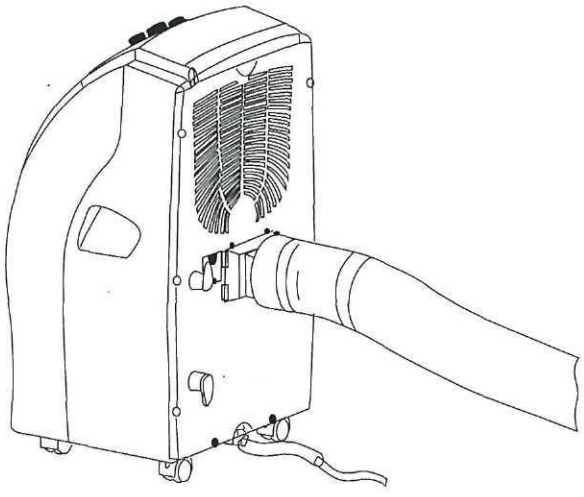


FIG.24

While using the heating function, please note:

1. Install the exhaust pipe well, in order to exhaust the cool air to outdoor. (Please refer to the instruction manual for installation method.)
2. Fix the drainage to be continuous one (i.e. drain the water by water tube).
3. Working range for heating function is 5 to 27°C (for cooling function, it is 18 to 32°C). For temperature outside this range, the unit may not work properly.

.MAINTENANCE

Always unplug the air conditioner from the mains before cleaning.
To maximize the efficiency of the air conditioner clean regularly.

Cleaning the housing

Use a soft, damp cloth to wipe the body clean.
Never use aggressive chemicals, gasoline, detergents, chemically treated cloths, or other cleansing solutions. These all could possibly hurt the cabinet.

Cleaning the filter

Use a vacuum cleaner or tap the filter lightly to remove loose dust and dirt from the filters and then rinse thoroughly under running water (no hotter than 40°C).
Dry thoroughly before replacing.
Notice! Never operate the unit without the filters.

End of season storage

- Drain any water in the unit before completely operating the unit on ventilation only mode for a few hours, to thoroughly dry the inside.
- Clean or change the filter
- Unplug and store the power cord as shown
- Replace in the original carton or cover for storage.

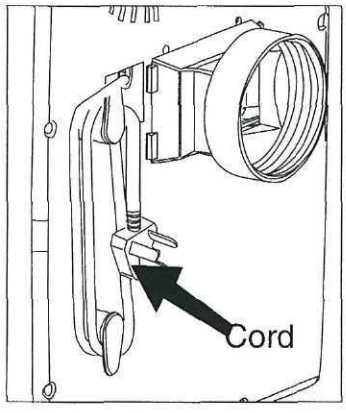


FIG.25

.FAULT CHECK LIST

The air conditioner does not run	• Is the air conditioner plugged in? • Is there a power failure? • Is the comp / 'full water' indicator flashing? • Is the room temperature below the set temperature?
The machine seems to do little	• Is there direct sunshine ? (Please put down the curtain.) • Are too many windows or doors open? • Are there too many people in the room? • Is there something in the room producing lots of heat?
The machine seems to do nothing.	• Is the filter dusty, contaminated? • Is the air intake or output blocked up? • Is the room temperature below your selected temperature?
Too noisy	• Is the machine positioned unevenly so as to create vibration ? • Is the floor underneath the machine uneven?
The compressor doesn't run.	• Is so, it is possible the overheat protection of the compressor is on. Just wait for the temperature to drop.

☆ **Never try to repair or dismantle the unit yourself**

WARRANTY CONDITIONS

Never move the device laying it on its side.

Wait at least 2 hours after transportation before installing and turning on the machine, so the system gas/fluid will return into the compressor (this is very important for the preservation of your airco)

You have 2 years of warranty from the manufacturer from date of purchase; but only in combination with a valid purchase invoice. Without purchase invoice there is no warranty.

Damage to the machine should be reported to the retailer within 48 hours, devices with technical problems due to damage are exempted from warranty.

A cracked filter or a crack in other plastic parts due to incompetent use are exempted from warranty.

Electrical and cooling technical duties may only be performed by an authorized installer

The device is suitable for rooms as indicated on the basis of a well-insulated space.

If the device does not work properly, consult the User Manual and below-mentioned items.

Check if there is power supplied to the outlet.

Check if the filter is clean on the front side, you must regularly clean the filter

Check if the ventilation valves are open on the front side.

Check the receptacle under in the device if it is not full of water. To drain the water, remove the rubber plug from the hose at the rear side of the device.
(See User Manual)

When using the airco, check if windows and doors are closed for optimum cooling.

If the temperature is below 18 degrees Celsius, it will not turn on.

Note the device's serial number which is located on the back and on this ticket number:

Check these items in relation with other conditions mentioned in the User Manual before calling the service desk.

If you make an appointment with the service desk and there is no error found to the device, you will still be charged for the visit made by the service technician.

In the event of a malfunction, please mention the following: date of purchase and serial number of the device.

NL	: with your supplier
Or service desk is available on working days!	: 0900-0400026
BE	: with your supplier